

PROCEEDINGS OF THE FIFTY-FOURTH ANNUAL MEETING

JAMES TATE, JR., SECRETARY

At the invitation of the University of North Carolina, the Carolina Bird Club, and the Chapel Hill Bird Club, the Fifty-fourth Annual Meeting of the Wilson Ornithological Society was held at Chapel Hill, North Carolina, from Thursday, 17 May, through Monday, 21 May 1973. A reception was held in Parker Dormitory on Thursday evening while the Council engaged in a marathon session in a nearby room. A second reception was held on the lawn of Parker Dormitory on Friday evening. At several times during the meetings, the University Planetarium put on a showing of spring constellations for the Wilson Society. Field trips were held on Friday and Saturday mornings to local areas including localities mentioned by John K. Terres in his book, "From Laurel Hill to Siler's Bog."

The annual banquet, held Saturday evening in the main dining hall of the splendid Carolina Inn was well attended. The presentation of awards was made, followed by the President's address, and the evening was concluded with delightful old-time country music by Jim Watson, Tommy Thompson, and Bill Hicks.

The recipients of Wilson Society prizes announced at the annual meeting were as follows:

Louis Agassiz Fuertes Award: Robert C. Eckhardt, Cornell University—Flycatchers and foliage gleaners as predators.

Margaret M. Nice Award: Richard L. Glinski, Tucson, Arizona—The Gray Hawk in Arizona.

Ernest P. Edwards Prize: First Prize, Ralph W. Schreiber, University of South Florida and Robert W. Risebrough, Bodega Marine Laboratory—Studies of the Brown Pelican; Second Prize, Russell P. Balda, Gary C. Bateman, Northern Arizona University, and Gene F. Foster, Flagstaff, Arizona—Flocking associates of the Pinon Jay.

Alexander Wilson Prize: C. John Ralph, Johns Hopkins University—Disorientation of coastal land bird migrants.

FIRST BUSINESS MEETING

The first business meeting was called to order by President Hofslund at 09:30 Friday in Carroll Hall. The minutes of the business meetings held at Cape May, New Jersey were approved by the membership as published in The Wilson Bulletin (84: 362-372, 1972). The President appointed the following temporary committees:

Resolutions: Robert D. Burns, Chairman.

Alexander Wilson Prize: Elden W. Martin, Chairman.

Auditing: C. Chandler Ross.

The names of the Nominating Committee members were announced as follows: Phillips B. Street, Chairman; John T. Emlen, Jeff Swinebroad.

The Secretary reported on highlights of the Council meeting of the previous evening. Reports of officers of the society which were presented at the Council meeting were summarized, and are reproduced here.



Members of the Executive Council at the Chapel Hill meeting. Front row: A. J. Berger, K. C. Parkes, G. A. Hall, W. A. Klamm, J. Tate. Back row: R. D. Burns, H. I. Fisher, P. B. Street, P. B. Hofslund, and E. W. Martin.

Report of the Treasurer—1972

A formal report was not presented by the Treasurer, William A. Klamm. The Financial Statements given below were presented and discussion followed. It was pointed out that five issues of *The Wilson Bulletin* were paid for this fiscal period, allowing the Society to return to an up-to-date accounting for four issues per year in the future.

FINANCIAL STATEMENTS

GENERAL FUND

Balance as shown by last report 31 December 1971 \$ 15,361.10

RECEIPTS

Membership Dues	
Active for 1972	\$ 3,880.00
Active for 1973	\$ 7,163.00
Total Active	\$11,043.00
Sustaining for 1972	181.00
Sustaining for 1973	465.00
Total Sustaining	646.00
Subscriptions to <i>The Wilson Bulletin</i>	
For 1972	2,254.49
For 1973	3,371.40

Total Subscriptions	5,625.89
Sales of back issues of The Wilson Bulletin	1,317.48
Interest and dividends on savings and investments	4,116.04
Royalties from microfilming back issues of The Wilson Bulletin	125.07
Total Receipts	<u>\$22,873.48</u>

DISBURSEMENTS

The Wilson Bulletin (Printing & Engraving)	\$22,378.08
Less contributions from authors & others	1,900.59
Printing & Engraving Expense	\$20,477.49
The Wilson Bulletin (Additional mail & service)	833.45
Editor's Expense	272.50
Secretary's Expense	113.02
Treasurer's Expense	558.07
Foreign discount, bank charges and transfer fees	26.74
Annual Meeting Expense	265.49
Committee Expense	60.20
International Council for Bird Protection	30.00
Transfer to Research and Grants-in-Aid	273.00
Review Editor's Expense	24.08
President's Expense	25.00
Miscellaneous Expense	2.00
Total Disbursements	<u>\$22,961.04</u>
Excess of Disbursements over Receipts	\$ 87.56

GENERAL CASH FUND

Checking Account	9,627.22
Savings Account	5,646.32
Balance in National City Bank, Cleveland, Ohio, 31 December 1972	\$ 15,273.54

JOSSELYN VAN TYNE MEMORIAL LIBRARY FUND

Balance as shown by last report 31 December 1971	\$ 384.36
--	-----------

RECEIPTS

Sale of duplicates and gifts	220.00
Total Balance and Receipts	<u>604.36</u>

DISBURSEMENTS

Purchase of books	197.16
Balance in National City Bank, Cleveland, Ohio, 31 December 1972	\$ 407.20

LOUIS AGASSIZ FUERTES RESEARCH FUND, MARGARET MORSE NICE FUND,
EDWARDS AND W.O.S. PAPER FUNDS

Balance as shown by last report dated 31 December 1971	\$ 20.00
--	----------

RECEIPTS

Contributions	459.00
-------------------------	--------

Transfer from General Fund	273.00
Total	<u>752.00</u>

DISBURSEMENTS

Grants-in-Aid

To Donald E. Kroodsma	200.00
To Rebecca L. Radcliffe	100.00
To Frances James	150.00
To Anthony J. Erskine	50.00
To W. Jon Richardson	100.00
Total	<u>600.00</u>

Balance in National City Bank, Cleveland, Ohio, 31 December 1972 . . . \$	152.00
---	--------

SPECIAL FUND ACCOUNT

Balance as shown by last report 31 December 1971 \$	342.75
---	--------

RECEIPTS

Prepaid Student Dues	0.00
Advanced Renewals	100.00
Discount Due Agencies	2.50
Total Receipts	<u>102.50</u>
Total	<u>445.25</u>

DISBURSEMENTS	<u>200.75</u>
-------------------------	---------------

Balance in National City Bank, Cleveland, Ohio, 21 December 1972 \$	244.50
---	--------

ENDOWMENT FUND

Balance in Endowment Savings Account as shown by last report 31 December 1971 \$	10,737.50
---	-----------

RECEIPTS

Life Membership Payments	<u>4,235.00</u>
------------------------------------	-----------------

Balance in Endowment Savings Account, National City Bank, Cleveland, Ohio, 31 December 1972 \$	14,972.50
---	-----------

Investments held as of 31 December 1972.

United States Government bonds \$	4,956.25
Canadian Provincial bonds	4,425.00
Corporate bonds	9,000.00
Convertible corporate bonds	2,875.00
Convertible preferred stocks	43,122.25
Common stocks	20,876.87
Investment trusts	8,970.64
Cash	<u>12.50</u>
Total Investments	94,238.51

Total Endowment Fund, 31 December 1972 \$	109,211.01
---	------------

Respectfully submitted,
WILLIAM A. KLAMM, *Treasurer*

Report of the Secretary—1972

Immediately following last years Annual Meeting, the Proceedings and the minutes of the Council meeting were prepared. The 1972 Proceedings were published in the September issue of The Wilson Bulletin. During much of the fall, the Secretary was in the field.

The 1973 announcement was prepared from excellent copy provided by Helmut Mueller. All members were sent announcements in early February. The program was prepared from copy provided by Andrew Berger and Helmut Mueller. It was printed at Ithaca and handcarried to the meetings by the secretary. Similarly, the abstracts were prepared at Ithaca from material provided by Dr. Berger, and carried to the meeting.

There has been considerably more correspondence in 1972 for the Secretary than previously.—JAMES TATE, JR., *Secretary*

Report of the Editor—1972

Volume 84 (1972) consisted of 533 pages, and included 30 papers, 43 Notes, 31 Book Reviews, two Conservation papers, The Annual Meeting report, and the Index. There was one colored plate.

One issue of Volume 85 has appeared and the second issue is being put into page proofs. The two issues will total 256 pages. It is hoped to have a colored plate in each issue of Volume 85.

During the past year, 72 papers and 80 General Notes have been received. Of these 21 papers and 50 notes have been accepted. Eighteen papers and two Notes have been returned to the authors for substantial revision before acceptance; 18 papers and 24 Notes have been rejected; and 15 papers and 4 Notes are still awaiting decision, either by referees or by the editor.

At present the General Notes section for Volume 85 is full and a few Notes will be turned over to the new Editor. The lead paper section is not quite full as far as accepted papers go, but will be very shortly.

The average publication delay of major papers in Volume 84 was 11 months including one paper that had a 17 month delay due to the author's holding it up. For Notes the delay averaged 11 months also.

There has never been a formal written style sheet for the Bulletin, and each Editor has had to dig such matters out for himself. As one of my final duties I have prepared a written style sheet, as well as a sort of "Guidebook" for editorial procedures.

In this, my last report to the Council, I wish to express my thanks to the members of the Council for the support given me over the years, and for the confidence they placed in me. It has been a real pleasure to serve the Society for these years, and it is with very mixed emotions that I retire from the position.—GEORGE A. HALL, *Editor*

Reports of several of the committees which reported to the Council Meeting were then summarized. Edited versions of these reports appear here.

Report of the Research Committee—1972

There were 10 completed applications for the Fuertes Award and 11 completed applications for the Nice Award. In addition to these, there were a few inquiries that were not pursued by the inquirers. Unfortunately, one inquiry was sent in a letter on which there was no return address; presumably there was an address on the envelope, but the envelope had been discarded before the difficulty was discovered. The best efforts of the

Research Committee and the secretary of the Society to locate the letter writer on the basis of his name alone were in vain.

The committee had unusual difficulty in recommending a winner for the Fuertes award, and after telephone conversations among its members it decided to present its problem to the Council.—VAL NOLAN, JR., *Chairman*

The Council acted on the recommendations of the Research Committee as detailed earlier.

The Trustee's Committee report was given by Phillips Street, Chairman. It detailed the activities of the Trustees as reflected in the Treasurers report of the endowment fund.

Report of the Membership Committee—1972

The annual drive for new members got off to a late start again this year—in part due to procrastination, and in part as a rationalization that between Christmas and income tax time would be a good time to get prospective members to part with the membership fee.

By early February, I had sent each committee member a new supply of materials and an average of five names gleaned from the membership roster of the AOU. Several committee members are apparently turning up many prospects, since some have requested additional brochures and cards.

As of 9 May, I have received the cards of 143 new members from the Treasurer. Of this total, 44 were nominated by Treasurer Klammm, and 43 others were nominated by 28 other WOS members not serving on the membership committee. Thus, the committee has been responsible for the production of 46 new members. These were recruited by 20 different members of the committee. This is a significant increase over last year when the committee produced only 29 new members. Mrs. John Lueshen led the committee with six new members to her credit.

The 143 new members represents an increase of 39 over the new members recruited last year. More importantly, for the first time in several years the number of new members is greater than the number lost through deaths, resignations, and delinquency. A total of 95 have been lost from the membership roll, leaving us with a net gain of 48 members.—NORMAN L. FORD, *Chairman*

Report of the Student Membership Committee—1972

My committee has continued its canvass of natural history organizations, nature centers, and other science oriented public institutions around the country asking for nominations of promising pre-college students who exhibit a special interest in natural history and bird study. This year the states in the middle of the country were covered, and the responses from this effort are now just beginning to arrive. Next year, the fourth in this endeavor, will include the western states. Then we plan to start over again on the East Coast.

Once again there were only one or two responses to our year-end notice in The Wilson Bulletin asking for student membership nominations from W.O.S. members. Recognizing the continuing existence of this deplorable situation I received permission from the Executive Council last year to compose a form letter requesting nominations each year that would be included with the mailing of the annual dues request. The form letter is attached to this report for consideration by the Council. This matter should be coordinated with the regular Membership Committee of the Society and also would

necessitate an annual mailing to Life Members as well as those routinely contacted each year.—DOUGLAS JAMES, *Chairman*

Continuing the summary of the Council meeting, the Secretary reported that further discussions were required for the appointment of the Editor following the retirement of George Hall.

The fifty-fifth annual meeting of the Society will be held at the University of Michigan Biological Station near Pellston, Michigan, from 6–9 June 1974.

The Conservation Committee report was delayed, and was not presented at the meeting. For the Proceedings, it is presented herewith.

Report of the Conservation Committee—1972

After consultation with President Pershing Hofslund and Vice-president Andrew Berger it was decided late in 1971 that the WOS Conservation Committee could render an important service by sponsoring reviews of the bird conservation problems of the central and south Pacific islands which are under American administration, and the Chairman proceeded to persuade appropriate persons to prepare reviews of the islands for which they had information.

The rationale for the decision was that in the Pacific islands, as elsewhere, developments which are destroying bird habitat are proceeding rapidly, and it was urgent that the public be aware of the critical status of some of the birds and their environment. We were fortunate in persuading Andrew Berger to prepare the review of Hawaiian Birds which appeared in the June, 1972 issue of the Bulletin, and that Warren B. King, through arrangements with Secretary S. Dillon Ripley of the Smithsonian Institution, was able to do the same for the large number of central Pacific Islands which had been studied by Smithsonian Institution expeditions in recent years. His fine report appeared in the March, 1973 issue.

For Guam the ornithologist best qualified to summarize the status of its bird life is Gerald S. A. Perez, now Director of Land Management for the government of Guam, and his report, the final one in the series, we hope can be published in the September issue of the Bulletin.

In addition to this major undertaking for the two year period the Chairman of the Conservation Committee has handled a considerable amount of routine correspondence relating to bird conservation which came to the Society.—GUSTAV A. SWANSON, *Chairman*

Similarly, the activities of the Endowment Committee were not available at the time of the meeting, but are reproduced herewith for the Proceedings.

Report of the Endowment Committee—1972

I have, as permitted by an unusually difficult schedule over this particular period, contacted a number of associates who have shown interest in scientific ornithology and have approached each of them with a request to consider the Wilson Society and in several cases the Cooper Society also in the preparation of their wills.

I have also asked a close friend who is a fine attorney to assist the Society by including it in the bequests of interested clients. In all except two of these cases my friends were, as is usual in these areas, noncommittal but told me they would consider my suggestion and did have interest. Two persons agreed to include both Societies in their bequests but did not indicate in what amount and asked that I maintain this information in confidence. I have also furnished the name of the Wilson Society to a stockbroker and

estate planner friend who suggests that at times under certain favorable conditions he might be able to direct gifts of stocks to the Society under the provisions allowing deductability of market value without the payment of capital gains on such gifts to educational non-profit organizations.

I will continue to suggest the Society as a possible recipient of bequests, and perhaps the effort may be a rewarding one.—DON BLEITZ, *Chairman*

Lists of new members were posted in the meeting hall by the Secretary. There being no further business, the President closed the first business meeting at 09:52.

SECOND BUSINESS MEETING

President Hofslund called the meeting to order at 16:35 on Saturday. The auditor's report was given, and is reproduced here.

Report of the Auditor—1972

I have analyzed the financial affairs of the Wilson Ornithological Society for the past ten years, in which I have served for five years as treasurer and five years as auditor and I find that this year our treasurer's report shows the best results of any of the years with which I have been connected with them. This is particularly commendable when it is noted that the costs of five Wilson Bulletins were included in the 1972 Report. Mr. Klamm is to be congratulated that he is able to turn the books over to his successor in such good condition.—C. CHANDLER ROSS, *Auditor*

Frances James, member of the resolutions committee presented the resolutions prepared in advance. Other resolutions were presented from the floor. Those resolutions which passed are presented here in their final form.

WHEREAS there is a need to provide better overall coordination of efforts to conserve endangered species, and

WHEREAS we see a need for international cooperation in controlling exploitation of the biota, including plants,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society lends its support to the Endangered Species Conservation Act of 1973, H.R. 4758, which would broaden federal authority to protect and conserve endangered species in cooperation with the various states, and

BE IT FURTHER RESOLVED that we seek early ratification and implementation of the recently-concluded convention on trade in endangered species of wild fauna and flora signed in Washington D.C. on March 3, 1973 and we suggest that the Endangered Species Conservation Act of 1973 now before the Congress be modified to include plants as well as animals, and to otherwise implement the convention. (To be sent to: Lenore Sullivan, Chairperson, Merchant Marine and Fisheries Committee, House of Representatives; Hon. John Dingle, Chairperson, Subcommittee on Wildlife Conservation and the Environment; and to the Chairperson of the Senate Commerce Committee; Secretary of the Interior Morton, Secretary of State Rogers.)

WHEREAS the migration of Whooping Cranes is geographically widespread and temporally unpredictable, and

WHEREAS prohibiting the hunting of Sandhill Cranes only after Whooping Cranes have been sighted in a given province or state may be insufficient protection for the Whooping Cranes, and

WHEREAS the two species are difficult to distinguish in poor light.

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society recommends that the hunting of Sandhill Cranes be prohibited in regions where it endangers Whooping Cranes.

WHEREAS the threat of the imported fire ant in the southeastern states to humans, to domestic and wild animals, and to southern agriculture have been exaggerated, and the benefits of the fire ant as a predator on forest insect pests have been largely ignored, and

WHEREAS the U.S. Department of Agriculture and various state departments of agriculture are engaged in control or eradication programs involving the aerial application of Mirex, a persistent chlorinated hydrocarbon pesticide, and

WHEREAS Mirex kills other arthropods including the food of many species of birds, has been linked to reduced reproductive success in birds, and has been found in concentrations of up to 11 parts per million in tissues of the Red-cockaded Woodpecker, an endangered species found almost exclusively within the range of the imported fire ant,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society is opposed to the aerial application of Mirex and to the application of Mirex by any means other than mound to mound treatment, and then only in areas of human habitation.

WHEREAS ranchers in Colorado and Wyoming holding privileges to graze cattle on public land have continued to break the law by killing eagles,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society urges the Secretary of the Interior to enforce the Bald and Golden Eagle Protection Act in accordance with the recent amendment increasing the penalties for this crime.

WHEREAS the establishment of populations of several species of exotic wildlife into the United States has occurred recently as the result of the escape or the deliberate release of animals imported for commercial purposes, and

WHEREAS the number of animals imported into the United States each year has been increasing, making more probable the establishment of additional exotic species, and

WHEREAS the introduction of exotic wildlife into established ecological communities has many potentially harmful effects that cannot often be predicted within reasonable limits, including competition with native species, alteration of native habitats, and introduction of diseases and parasites to native wildlife, and

WHEREAS introduced species may become serious pests in agricultural areas, introducing disease to domesticated animals, damaging crops or stored agricultural products, and

WHEREAS introduced species may bear diseases harmful to human health or may become pest or nuisance species,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society urges the United States Department of the Interior and the Bureau of Sport Fisheries and Wildlife to adopt and implement more stringent regulations restricting the importation of exotic species of wildlife into the United States.

WHEREAS the Wilson Ornithological Society has held its fifty-fourth annual meeting at the University of North Carolina in Chapel Hill, from 17 through 20 May, 1973, and

WHEREAS the members have benefited greatly from the efforts of the Committee on Arrangements chaired by Helmut C. Mueller and the gracious facilities and services provided by the University of North Carolina,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society extends its sincere appreciation to the Carolina Bird Club, the Chapel Hill Bird Club, the University of North Carolina, and to the Local Committee on Arrangements for their contributions toward providing this memorable meeting.

WHEREAS George A. Hall has served as editor of the Wilson Bulletin from 1963 to 1973 and

WHEREAS during this time he has given immeasurable personal attention to the job of coordinating and guiding the flow of manuscripts through the editorial procedure, resulting in the maintenance of the high standards and prompt publication of the Wilson Bulletin by Allen Press,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society expresses its very sincere appreciation and warmest thanks for this outstanding service.

WHEREAS Albert Ganier is the oldest former president of the Wilson Ornithological Society and will celebrate his 90th birthday in September 1973, and

WHEREAS he has contributed greatly to the knowledge of birds in the Middle Southern states and has been instrumental in the establishment of several state ornithological societies,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society extends to Mr. Ganier its special greetings and best wishes.

The list of new members was accepted and voted into membership as posted.

Phillips Street, Chairman of the Nominations Committee proposed the following slate of officers: For President, Kenneth C. Parkes; First Vice-President, Andrew J. Berger; Second Vice-President, Douglas James; Secretary, James Tate, Jr.; Treasurer, Jerome A. Jackson; Elective Member of Council (three years), George A. Hall. There being no further nominations, the nominations were closed. A unanimous ballot was cast for the proposed slate.

The President closed the second business meeting at 17:15.

At a special meeting of the Council on Saturday Dr. John P. Hubbard, Delaware Museum of Natural History was elected Editor of the Wilson Bulletin.

PAPERS SESSIONS

Symposium: Progress in Rare and Endangered Species Programs

Introductory remarks by Chairman, Andrew J. Berger, University of Hawaii.

Earl B. Baysinger, Office of Endangered Species, Washington, D.C., *The Federal Government's Endangered Species Conservation Program.*

Ray C. Erickson, Assistant Director, Endangered Wildlife Research, Laurel, Maryland, *The Current Status of the Whooping Crane.*

Warren B. King, The International Council for Bird Preservation, Washington, D.C., *The Conservation of the Hawaiian Dark-Rumped Petrel.*

George Archibald, International Crane Research Center, Baraboo, Wisconsin, *Introducing the International Crane Foundation.*

Paul W. Sykes, Patuxent Wildlife Research Center Field Station, Delray Beach, Florida, *Some Ecological Requirements of the Florida Everglade Kite.*

General Papers Session

James A. Kushlan and Marilyn S. Kushlan, University of Miami, *Population Changes of the White Ibis in Southern Florida.*

- Allan R. Phillips, Delaware Museum of Natural History, *Progress Report on the Vulture and Caracara Investigation*.
- Paul B. Hamel, Clemson University, and Lester E. Eyer, Alma College, *Population Change in Common Grackles in Central Michigan*.
- Oscar T. Owre, University of Miami, *The Exotic Avifauna of Southeastern Florida*.
- Charles Hartshorne, Austin, Texas, *Some Problems about W. H. Hudson's Argentine Birds*.
- Maurice L. Giltz and Harold E. Burt, Ohio State University, *The Value of Continuity and Diligence to the Data Gained by Banding and Recovering Red-winged Blackbirds*.
- David E. Davis, North Carolina State University, *Emigration of Northern Shrikes (1959-1971)*.
- C. John Ralph, Johns Hopkins University, *Disorientation of Coastal Land Bird Migrants*.
- George Allez, Cedar Grove Ornithological Station, Cedar Grove, Wisconsin, *Age and Sex Differences in the Timing of Sharp-shinned Hawk Migration*.
- Robert J. Raikow, University of Pittsburgh, *Adaptive Variation in the Hind Limb and the Foraging Behavior of the Hawaiian Honeycreepers (Drepanididae)*.
- Alan Feduccia, University of North Carolina, *The Morphology of the Bony Stapes in New and Old World Suboscine Birds: New Evidence for Monophyly*.
- Charles R. Blem and David Spittle, Virginia Commonwealth University, *Geographic Variation in Wing-Loading of the House Sparrow*.
- Jerome A. Jackson, Mississippi State University, and James Tate, Jr., Cornell University, *The Dynamics of Nest Box Use by Purple Martins, House Sparrows, and Starlings in Eastern North America*.
- Frances C. James, University of Arkansas Museum, and H. H. Shugart, Jr., Oak Ridge National Laboratory, *Seasonality Modeling of the Nesting Season of the Robin*.
- Douglas James and Doris J. Watt, University of Arkansas, *Comparison of Feeding Niches of Arkansas Paridae*.
- James R. Karr, Purdue University, *Seasonal Patterns of Resource Exploitation in Panama Avifauna*.
- Charles R. Smith, Cornell University, *Time Budget of the Loggerhead Shrike in Southwest Florida*.
- Alan F. Posey, University of Arkansas, *Multivariate Analysis of Breeding Bird Habitats in Ozark Shrubby Old Fields*.
- Harold Pomeroy, University of Rhode Island, *Startle Response Times of the Starling*.
- Gilbert S. Grant and Thomas L. Quay, North Carolina State University, *Breeding Biology of the Cliff Swallow in the Southeastern States*.
- Robert F. Soots, Campbell College, and James F. Parnell, University of North Carolina at Wilmington, *Avian Community Succession on Dredge Islands*.
- Daniel D. Berger, Cedar Grove Ornithological Station, *Population Trends in Migratory Raptors*.

ATTENDANCE

One hundred and ninety-four members and guests were registered. Twenty-five states, the District of Columbia, and one Canadian province were represented.

From ALABAMA: 1—*Birmingham*, Thomas A. Imhof.

From ARKANSAS: 6—*Fayetteville*, Mr. and Mrs. Douglas James, Alan E. Posey, Mr. and Mrs. Kimberly Smith, Doris Watt.

From DELAWARE: 3—*Greenville*, Allan R. Phillips; *Newark*, Roland R. Roth, James Steinhauer.

- From DISTRICT OF COLUMBIA: 3—Richard C. Banks, M. Ralph Browning, Warren B. King.
- From FLORIDA: 8—*Coral Gables*, Oscar T. Owre; *Delray Beach*, Paul W. Sykes, Jr.; *Lakeland*, John R. Haldeman; *Miami*, Mr. and Mrs. James Kushlan; D. B. Stott; *Tallahassee*, W. Wilson Baker, Robert L. Crawford.
- From GEORGIA: 3—*Atlanta*, Mr. and Mrs. Winthrop N. Davey; *East Point*, Doris Cohrs.
- From HAWAII: 1—*Honolulu*, Andrew J. Berger.
- From ILLINOIS: 3—*Carbondale*, Mr. and Mrs. Harvey Fisher; *Urbana*, Mrs. C. H. Puterbaugh.
- From INDIANA: 2—*Jeffersonville*, Bill J. Forsyth; *West Lafayette*, James R. Karr.
- From MARYLAND: 11—*Baltimore*, C. John Ralph; *Chestertown*, Dorothy A. Mendinhall, Margery Plymire; *Columbia*, Earl B. Baysinger; *Gaithersburg*, Jeff Swinebroad; *Huntingtown*, Mr. and Mrs. John H. Fales; *Laurel*, Carol A. Pearson, Jay M. Sheppard; *Silver Spring*, Ray C. Erickson; *Towson*, Mrs. Richard D. Cole.
- From MASSACHUSETTS: 2—*Manomet*, Kathleen S. Anderson; *West Newton*, Deborah V. Howard.
- From MICHIGAN: 3—*Alma*, Mr. and Mrs. Lester Eyer; *Detroit*, Vivian Anderson.
- From MINNESOTA: 3—*Duluth*, P. B. Hofslund; *St. Paul*, Mr. and Mrs. Thomas C. Savage.
- From MISSISSIPPI: 2—*Starkville*, Mr. and Mrs. Jerome A. Jackson.
- From NEW JERSEY: 5—*Mount Holly*, Katherine G. Price; *Newark*, Helen Wallace; *Princeton*, Charlotte A. Dubois; *Ramsey*, Eleanor E. Dater, Linda Mattson.
- From NEW YORK: 6—*Ithaca*, Alice M. Briant, Charles R. Graham, Andrew Grainger, Charles R. Smith, Mr. and Mrs. James Tate, Jr.
- From NORTH CAROLINA: 63—*Buies Creek*, Robert F. Soots; *Cary*, Kenneth Knapp; *Chapel Hill*, David R. Barnes, Annie Leigh Broughton, Barbara Christy, Alan Feduccia, Frances W. Fuller, Herman H. Henkle, J. P. Jones, Lynn J. Moseley, Mr. and Mrs. Helmut C. Mueller, James O. Pullman, Barbara Roth, Harold F. Sears, Mildred Sharpe, Mr. and Mrs. Robert Teulings, Mr. and Mrs. Albert C. Walker; *Charlotte*, Mr. and Mrs. Edwin O. Clarkson; *Durham*, Mr. and Mrs. Robin Carter, Mr. and Mrs. Robert S. Ridgely; *High Point*, Mrs. John F. Benson; *Hillsborough*, Charles H. Blake; *Long Beach*, Mr. and Mrs. Samuel R. Tipton; *New Bern*, Thomas A. Sherratt; *North Wilkesboro*, Wendell P. Smith; *Oxford*, Paul A. Stewart; *Raleigh*, Micou M. Browne, David Davis, Dorothy C. Grigg, R. J. Hader, Grace John, Edmund K. LeGrand, Harry E. LeGrand, Chris Marsh, Thomas L. Quay, Karen T. Ross, Irvin Savidge, Mary Showalter, C. David Whitehurst, Mr. and Mrs. E. W. Winkler, Ray L. Winstead; *Roanoke Rapids*, J. Merrill Lynch; *Southern Pines*, J. H. Carter III; *Statesville*, Mrs. John S. King, Jr., Mrs. Allen Knight, Sarah M. Nooe; *Swannanoa*, Robert C. Ruiz; *Whispering Pines*, Mr. and Mrs. Laurence C. Davis; *Wilmington*, Edna Appleberry, James F. Parnell, John T. Williams, Jr.; *Winston-Salem*, Ruth Hill, Ramona Snavelly, Mr. and Mrs. Robert Witherington.
- From OHIO: 19—*Ashtabula*, Howard E. Blakeslee; *Bowling Green*, Elden W. Martin; *Chagrin Falls*, Mr. and Mrs. David W. Swetland; *Cincinnati*, Mr. and Mrs. Arthur J. Wiseman; *Cleveland*, Lydia M. Tummonds; *Columbus*, Mr. and Mrs. Maurice L. Giltz; *East Liverpool*, Mr. and Mrs. John T. Laitsch; *Gambier*, Robert D. Burns; *Girard*, H. Heimerdinger; *Lakewood*, Mr. and Mrs. William A. Klamm; *Mentor*, Estrilla Daniels, Mildred Daniels; *Solon*, Ethel D. Surman; *Toledo*, John M. McCormick.

- From PENNSYLVANIA: 7—*Chester Springs*, Mr. and Mrs. Phillips B. Street, *Indiana*, Richard F. Waechter; *Philadelphia*, C. Chandler Ross; *Pittsburgh*, Mr. and Mrs. Kenneth C. Parkes, Robert J. Raikow.
- From SOUTH CAROLINA: 15—*Aiken*, Jeannine Angerman, T. M. Rial; *Charleston*, T. A. Beckett III, William McIntosh, Jr.; *Chester*, Mrs. B. Clyde Carter, Mrs. W. W. Johnston, Catherine T. Moore, Mrs. W. Cornwell Stone, Sr.; *Clemson*, Robert C. Beason, Sidney A. Gauthreaux, Jr.; *Clinton*, Jane P. Holt; *Pawley's Island*, Mr. and Mrs. F. M. Probst; *Seneca*, Paul B. Hamel; *Sumter*, Evelyn Dabbs.
- From TENNESSEE: 4—*Knoxville*, Mr. and Mrs. Joseph T. Mengel; *Maryville*, Ralph J. Zaenglein; *Nashville*, Katherine A. Goodpasture.
- From TEXAS: 5—*Arlington*, Robert L. Neill; *Austin*, Mr. and Mrs. Charles Hartshorne, Mr. and Mrs. Henry R. Henze.
- From VERMONT: 1—*South Londonderry*, Mrs. James R. Downs.
- From VIRGINIA: 12—*Alexandria*, Chris Risley; *Manassas*, Roxie C. Laybourne; *Mechanicsville*, Mr. and Mrs. Joseph E. Trahan; *Richmond*, Charles R. Blem; *Scottsville*, Mrs. Frederick S. Whiteside; *Sweet Briar*, Mr. and Mrs. Ernest P. Edwards; *Williamsburg*, Mr. and Mrs. Paul S. Baker, Mitchell A. Byrd, Jerry W. Via.
- From WEST VIRGINIA: 2—*Morgantown*, Mr. and Mrs. George A. Hall.
- From WISCONSIN: 3—*Baraboo*, George Archibald, *Madison*, George Allez, *Milwaukee*, Daniel D. Berger.
- From ONTARIO: 1—*Hamilton*, Eric W. Bastin.

This issue of *The Wilson Bulletin* was published on 28 September 1973.